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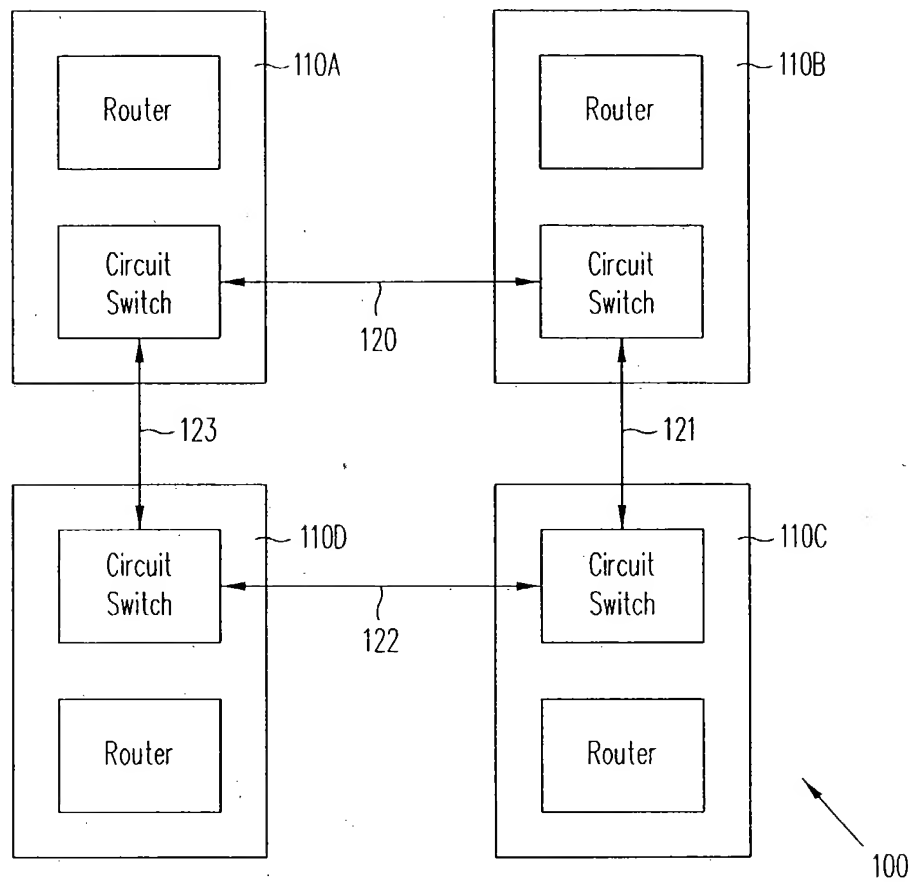


FIG. 1

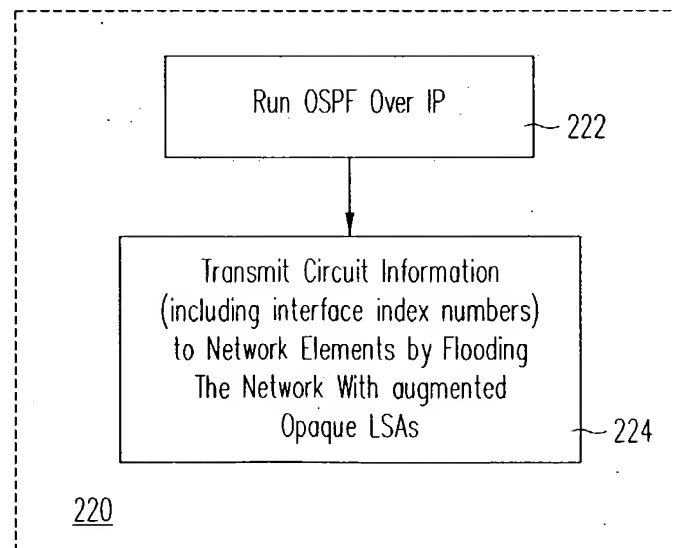


FIG. 2C

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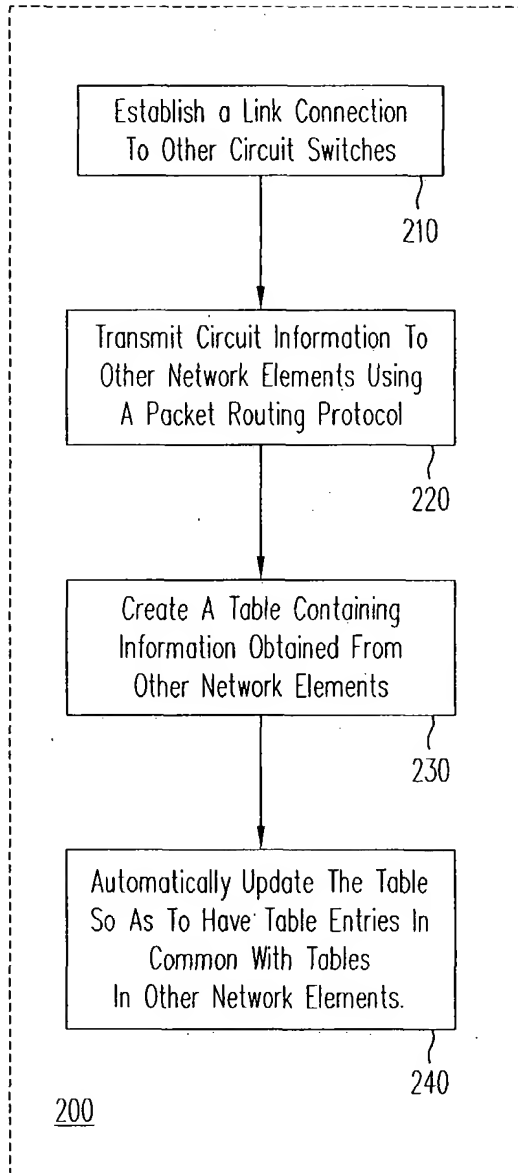


FIG. 2A

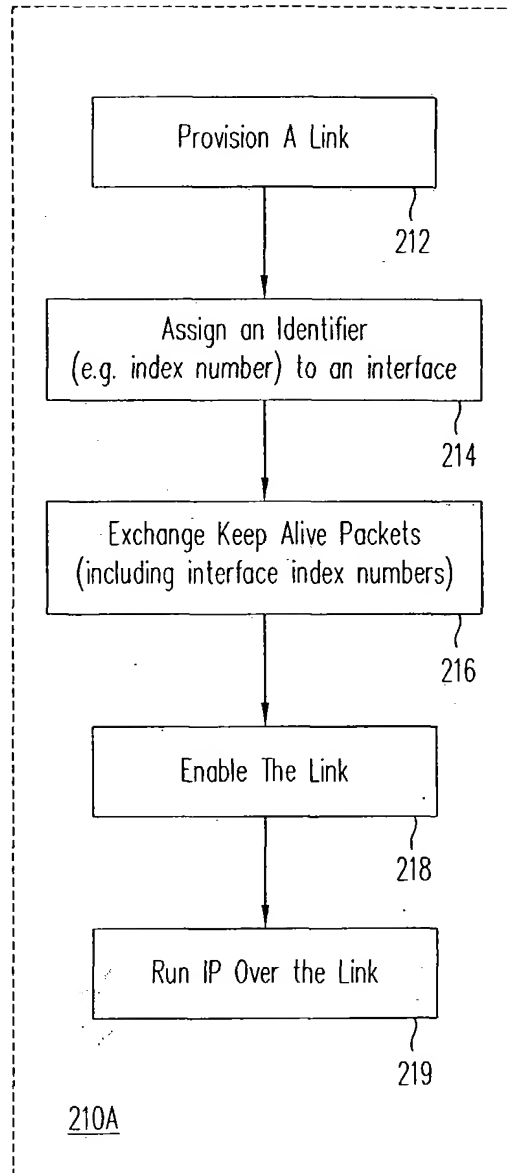


FIG. 2B

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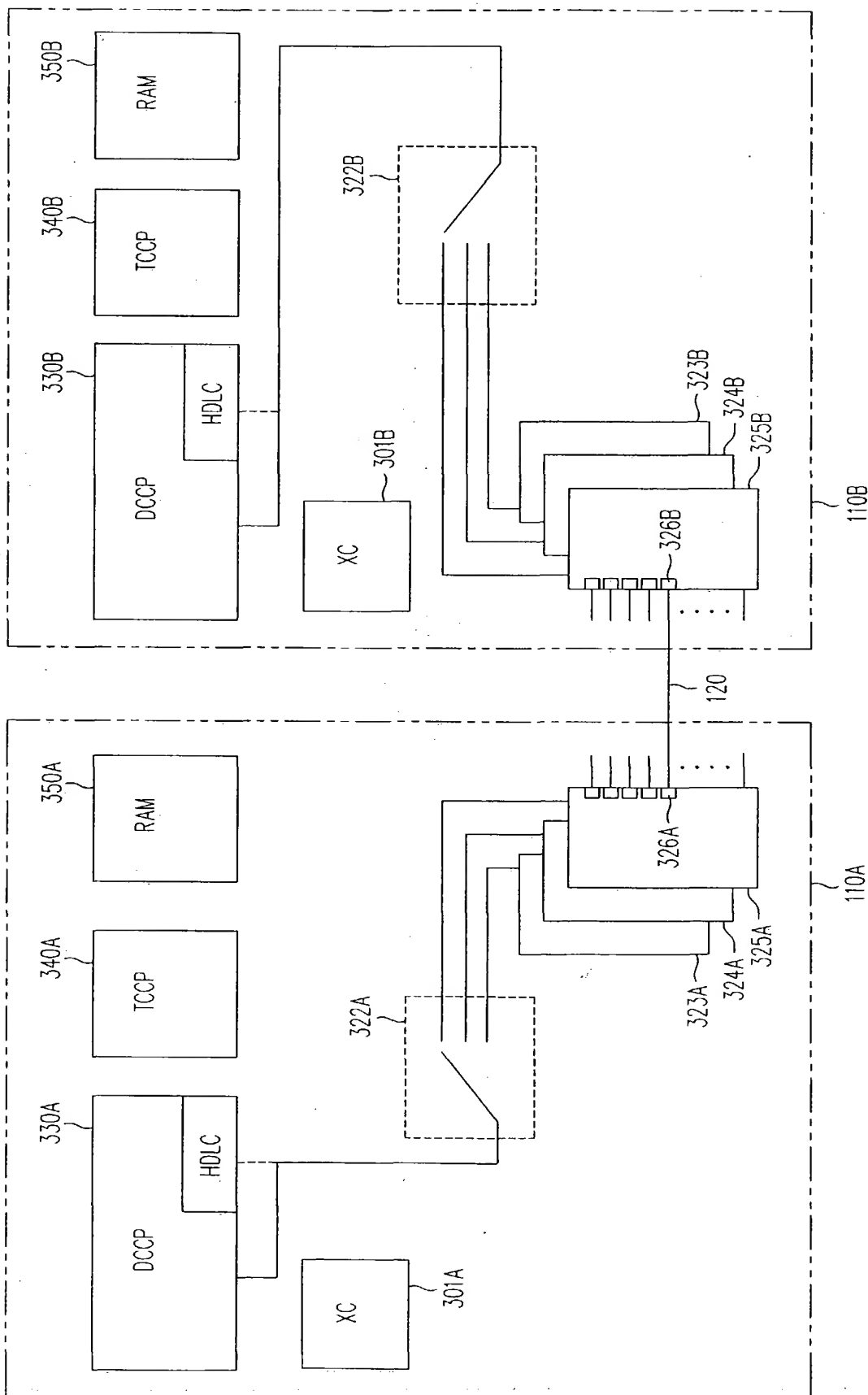


FIG. 3A

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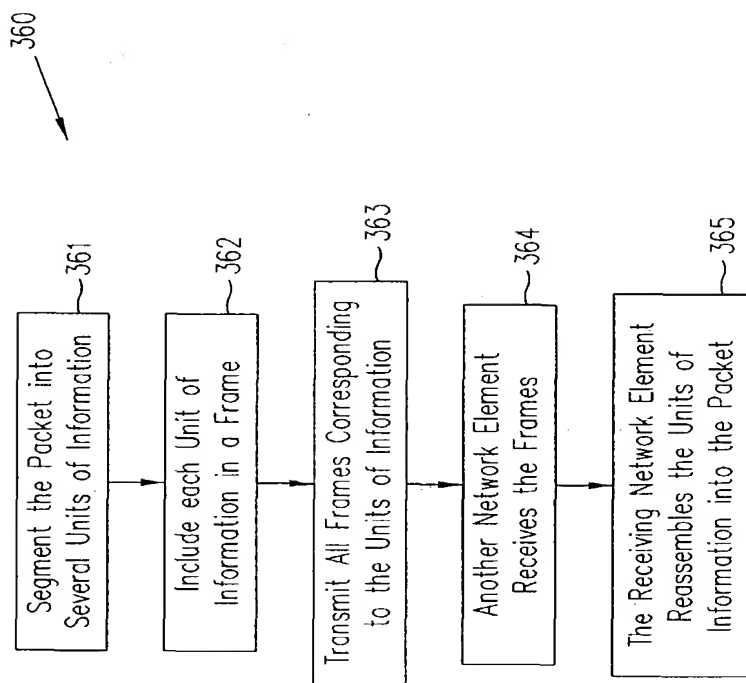


FIG. 3B

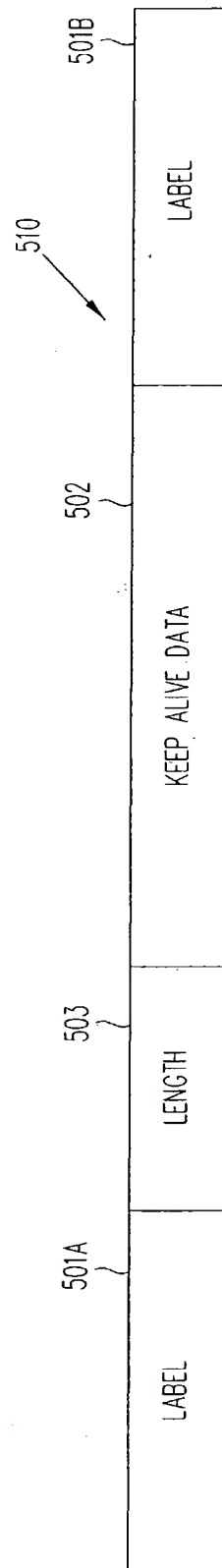


FIG. 4

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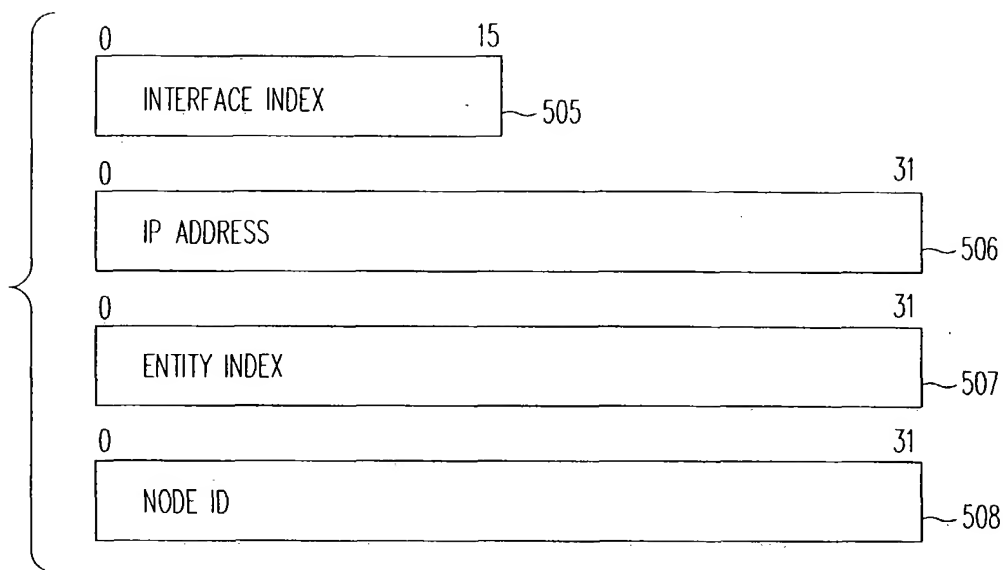


FIG. 5

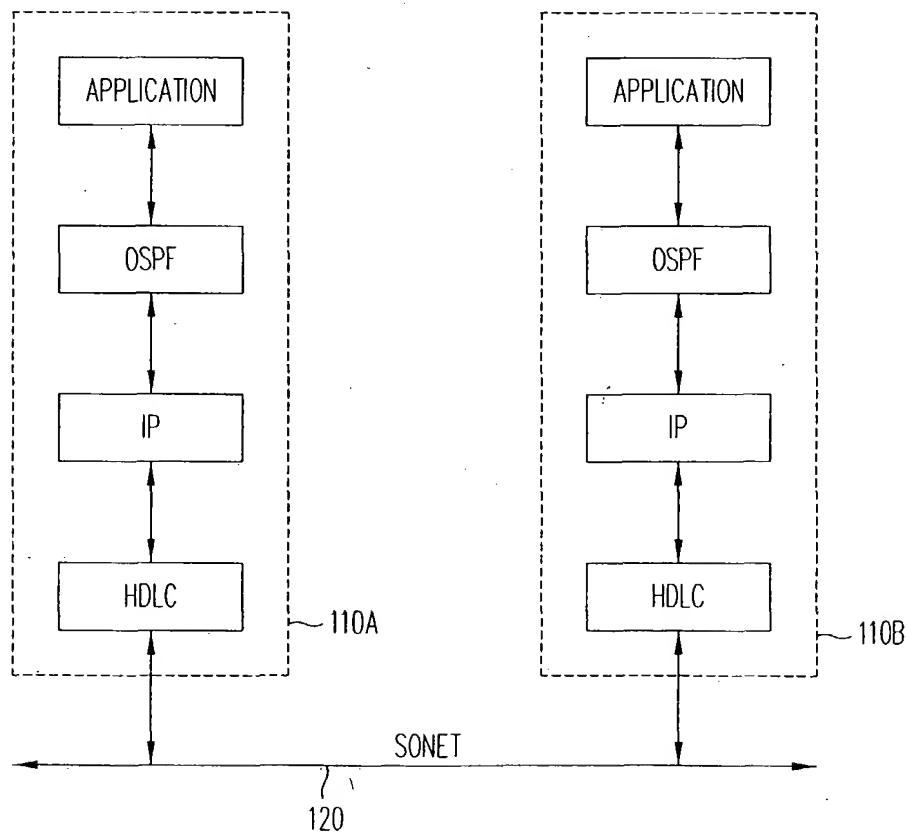


FIG. 6A

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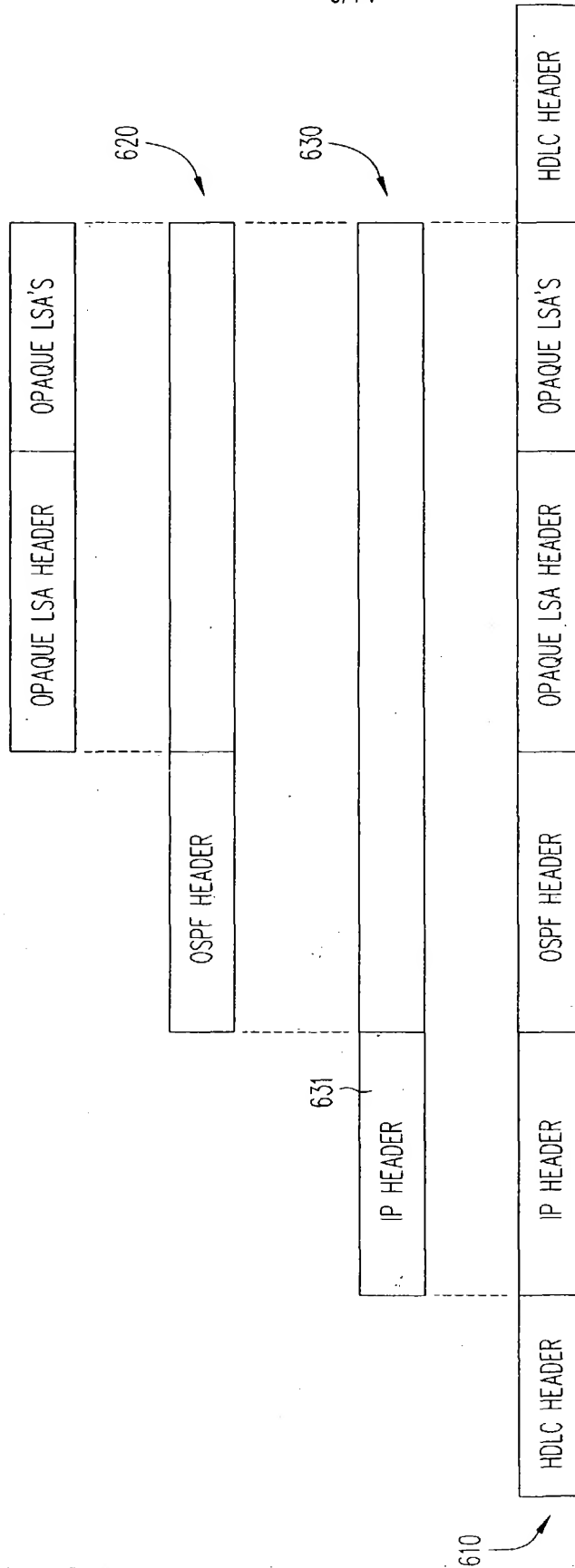


FIG. 6B

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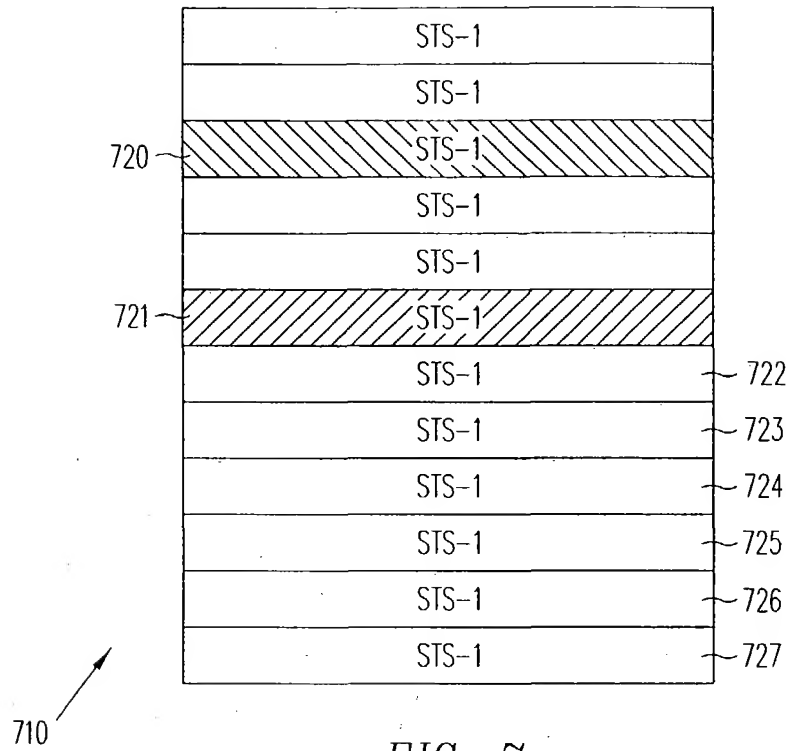


FIG. 7

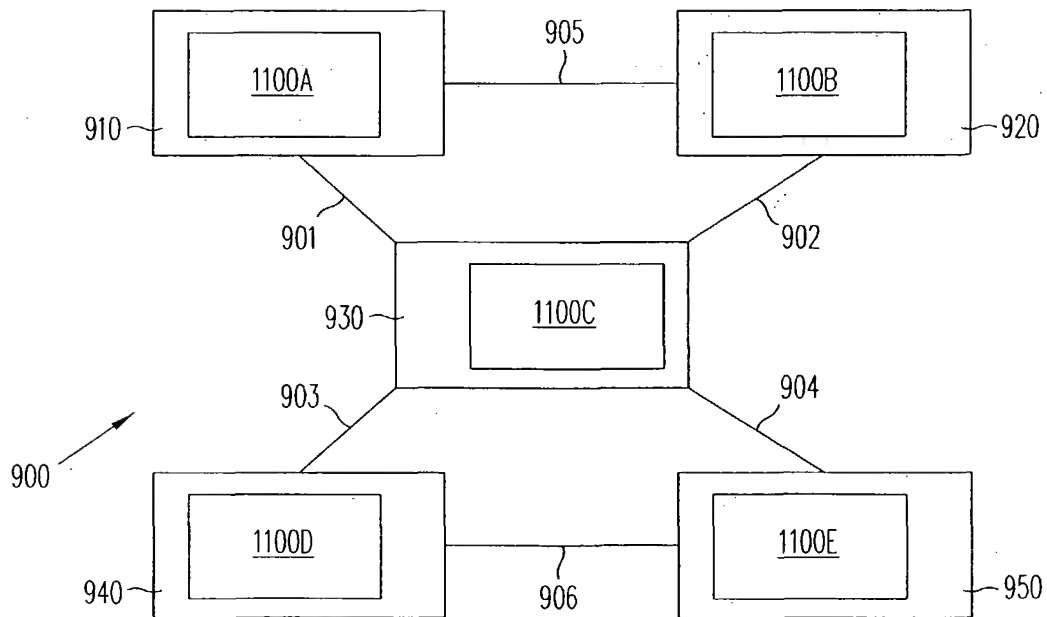


FIG. 11B

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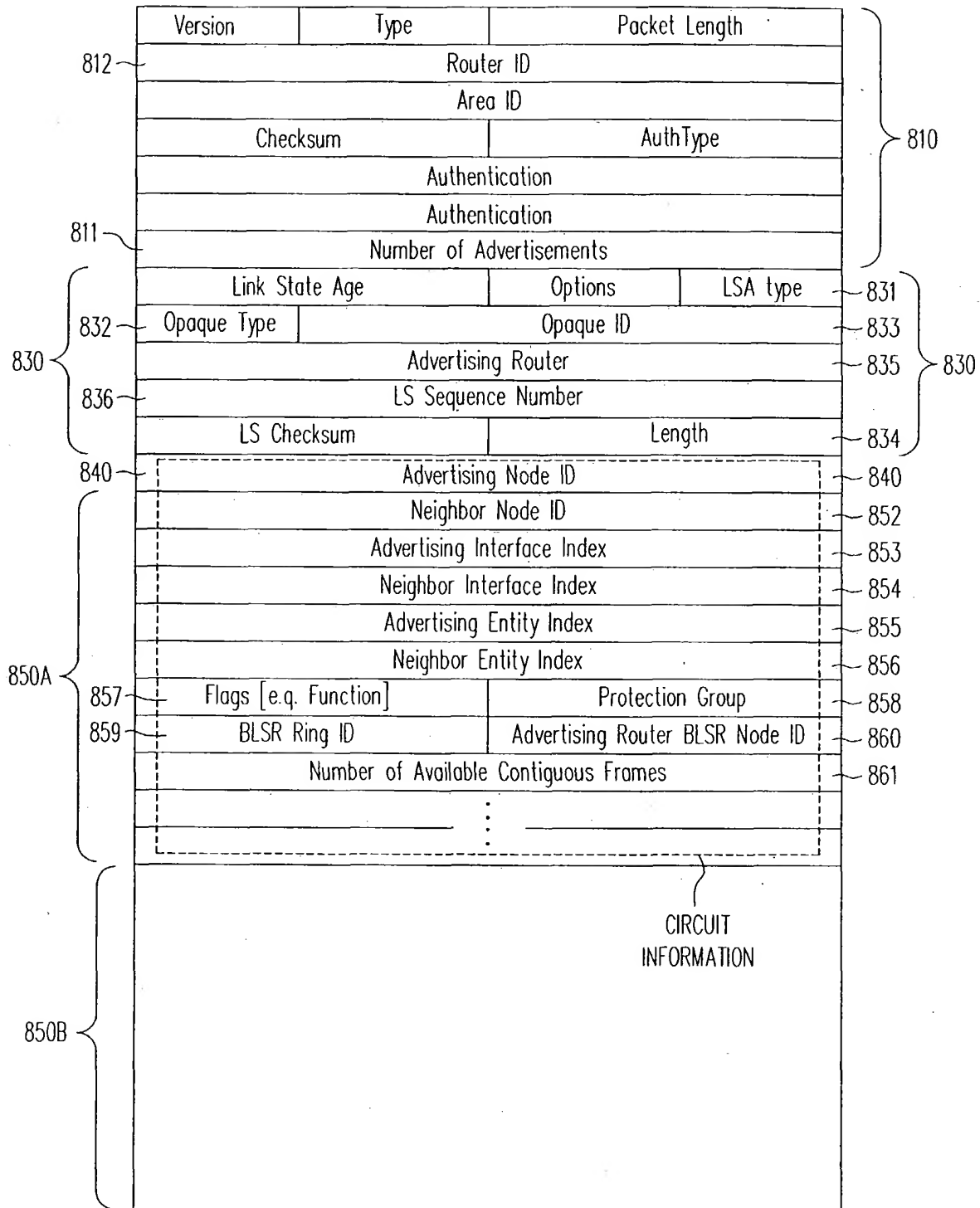


FIG. 8

800



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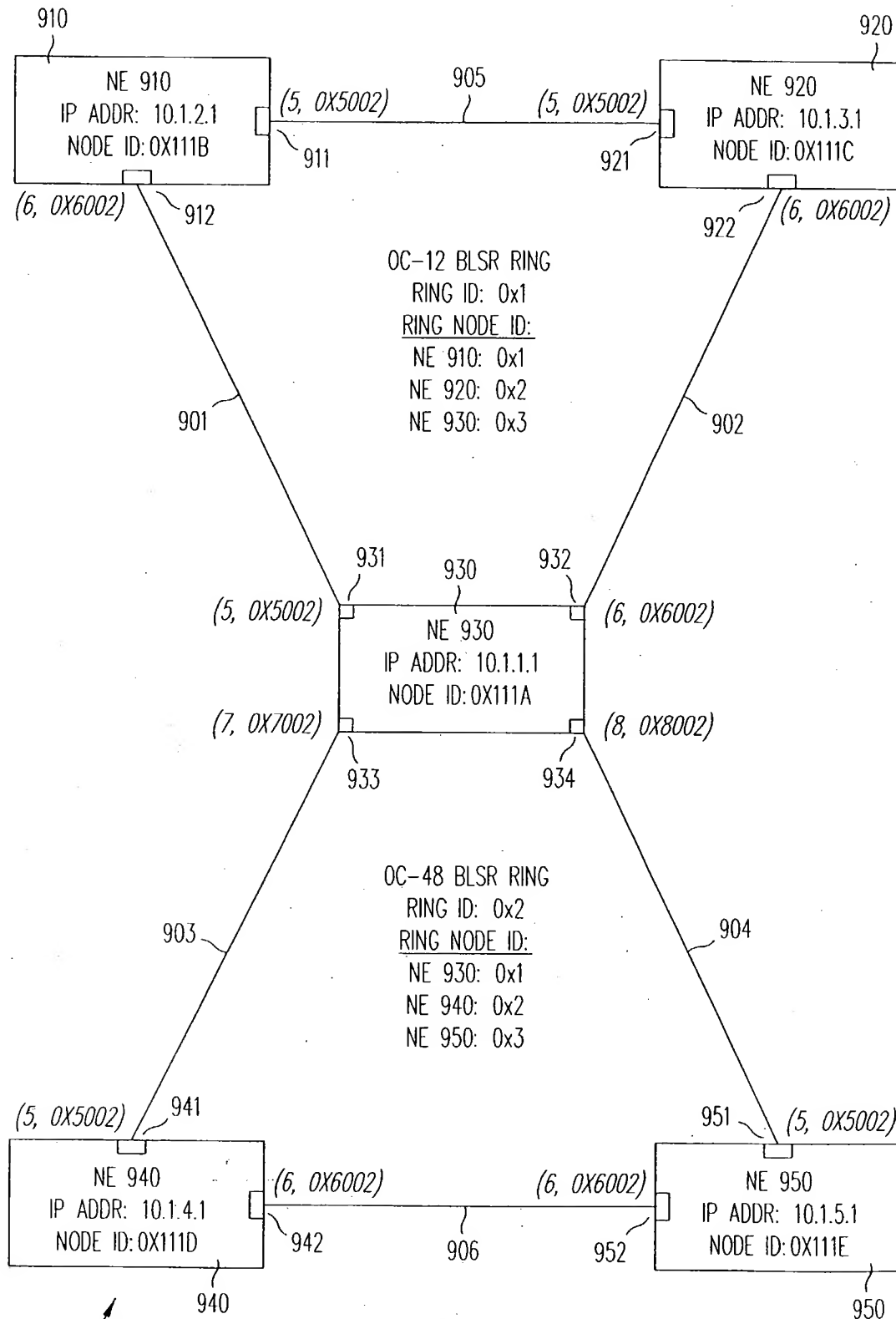
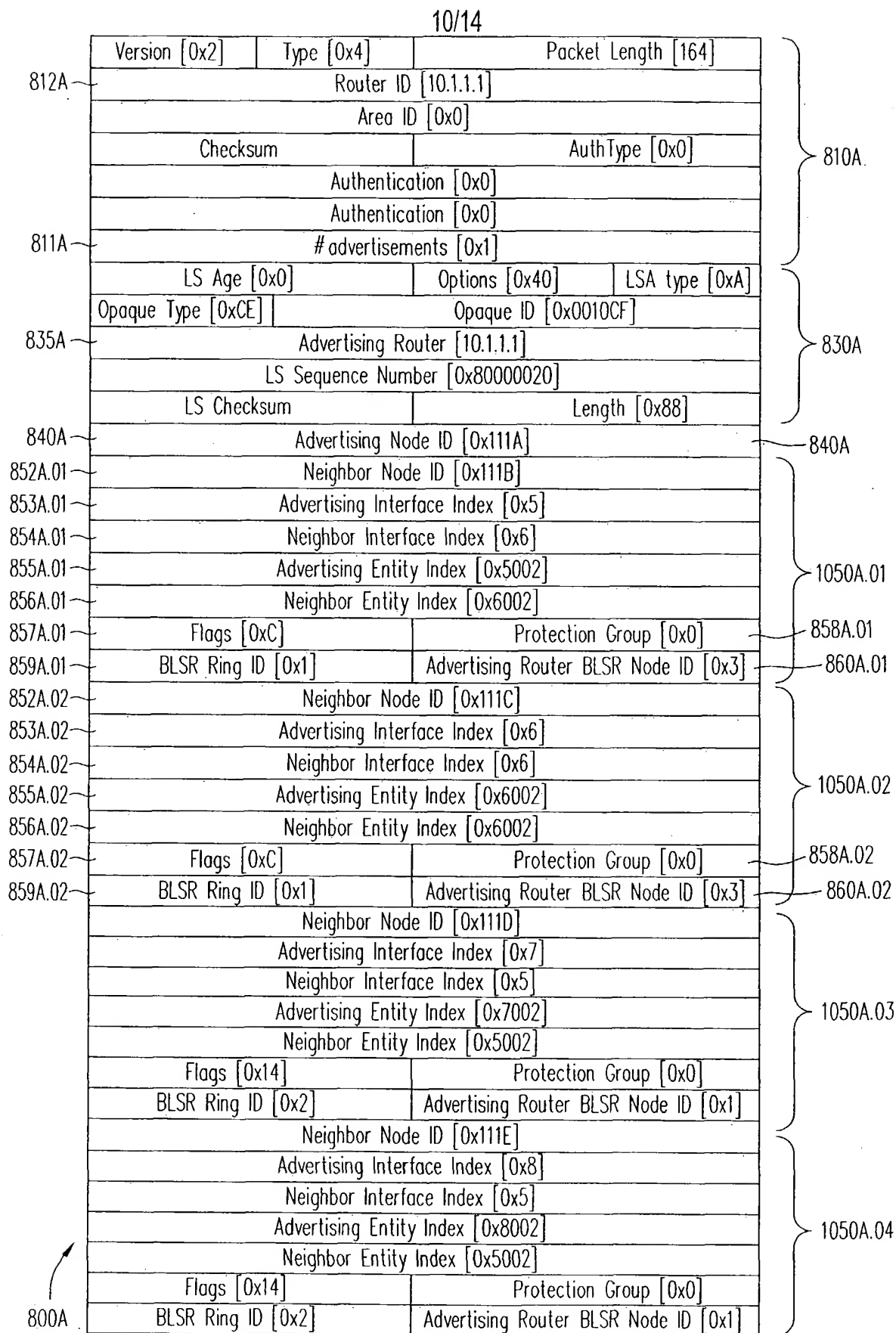


FIG. 9



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Version [0x2]	Type [0x4]	Packet Length [0x6C]		810B
Router ID [10.1.2.1]				
Area ID [0x0]				
Checksum		AuthType [0x0]		
Authentication [0x0]				
Authentication [0x0]				
#advertisements [0x1]				
LS Age [0x0]		Options [0x40]	LSA type [0xA]	830B
Opaque Type [0xCE]	Opaque ID [0x0010CF]			
Advertising Router [10.1.2.1]				
LS Sequence Number [0x80000020]				
LS Checksum		Length [0x50]		
Advertising Node ID [0x111B]				840B
Neighbor Node ID [0x111C]				1050B.05
Advertising Interface Index [0x5]				
Neighbor Interface Index [0x5]				
Advertising Entity Index [0x5002]				
Neighbor Entity Index [0x5002]				
Flags [0xC]		Protection Group [0x0]		1050B.01
BLSR Ring ID [0x1]		Advertising Router BLSR Node ID [0x1]		
Neighbor Node ID [0x111A]				
Advertising Interface Index [0x6]				
Neighbor Interface Index [0x5]				
Advertising Entity Index [0x6002]				1050B.01
Neighbor Entity Index [0x5002]				
Flags [0xC]		Protection Group [0x0]		
BLSR Ring ID [0x1]		Advertising Router BLSR Node ID [0x1]		

800B

FIG. 10B

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Version [0x2]	Type [0x4]	Packet Length [0x6C]		810C
Router ID [10.1.5.1]				
Area ID [0x0]				
Checksum		AuthType [0x0]		
Authentication [0x0]				
Authentication [0x0]				
#advertisements [0x1]				
LS Age [0x0]		Options [0x40]	LSA type [0xA]	830C
Opaque Type [0xCE]	Opaque ID [0x0010CF]			
Advertising Router [10.1.5.1]				
LS Sequence Number [0X80000020]				
LS Checksum		Length [0x50]		840C
Advertising Node ID [0x111E]				
Neighbor Node ID [0x111A]				
Advertising Interface Index [0x5]				
Neighbor Interface Index [0x8]				
Advertising Entity Index [0x5002]				1050C.04
Neighbor Entity Index [0x8002]				
Flags [0x14]		Protection Group [0x0]		
BLSR Ring ID [0x2]		Advertising Router BLSR Node ID [0x3]		1050C.01
Neighbor Node ID [0x111D]				
Advertising Interface Index [0x6]				
Neighbor Interface Index [0x6]				
Advertising Entity Index [0x6002]				
Neighbor Entity Index [0x6002]				
Flags [0x14]		Protection Group [0x0]		
BLSR Ring ID [0x2]		Advertising Router BLSR Node ID [0x3]		

800C

FIG. 10C

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1110A					1110B					1120		
NE-1 IP Address	NE-1 Node ID	NE-1 Interface Index	NE-1 Entity Index	NE-1 BLSR Ring Node ID	NE-2 IP Address	NE-2 Node ID	NE-2 Interface Index	NE-2 Entity Index	NE-2 BLSR Ring Node ID	Working or Protect	Link Type	BLSR Ring ID
1101 ~ 10.1.1.1	0x111A	0x5	0x5002	0x3	10.1.2.1	0x111B	0x6	0x6002	0x1	Working	OC-12	0x1
1102 ~ 10.1.1.1	0x111A	0x6	0x6002	0x3	10.1.3.1	0x111C	0x6	0x6002	0x2	Working	OC-12	0x1
1103 ~ 10.1.1.1	0x111A	0x7	0x7002	0x1	10.1.4.1	0x111D	0x5	0x5002	0x2	Working	OC-48	0x2
1104 ~ 10.1.1.1	0x111A	0x8	0x8002	0x1	10.1.5.1	0x111E	0x5	0x5002	0x3	Working	OC-48	0x2
1105 ~ 10.1.2.1	0x111B	0x5	0x5002	0x1	10.1.3.1	0x111C	0x5	0x5002	0x2	Working	OC-12	0x1
1106 ~ 10.1.4.1	0x111D	0x6	0x6002	0x2	10.1.5.1	0x111E	0x6	0x6002	0x3	Working	OC-48	0x2

FIG. 11A

1100

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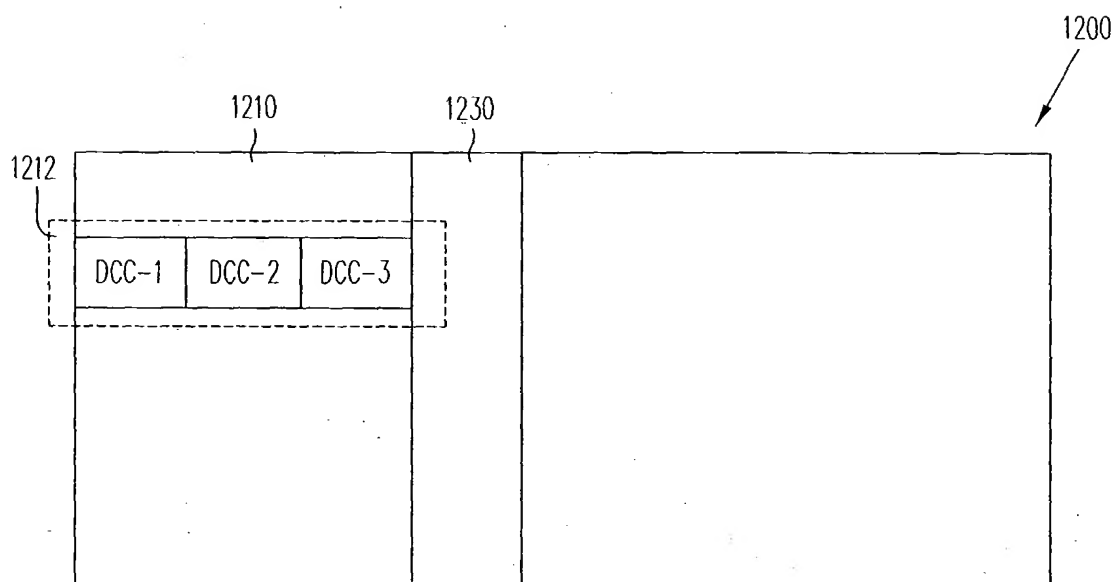


FIG. 12A

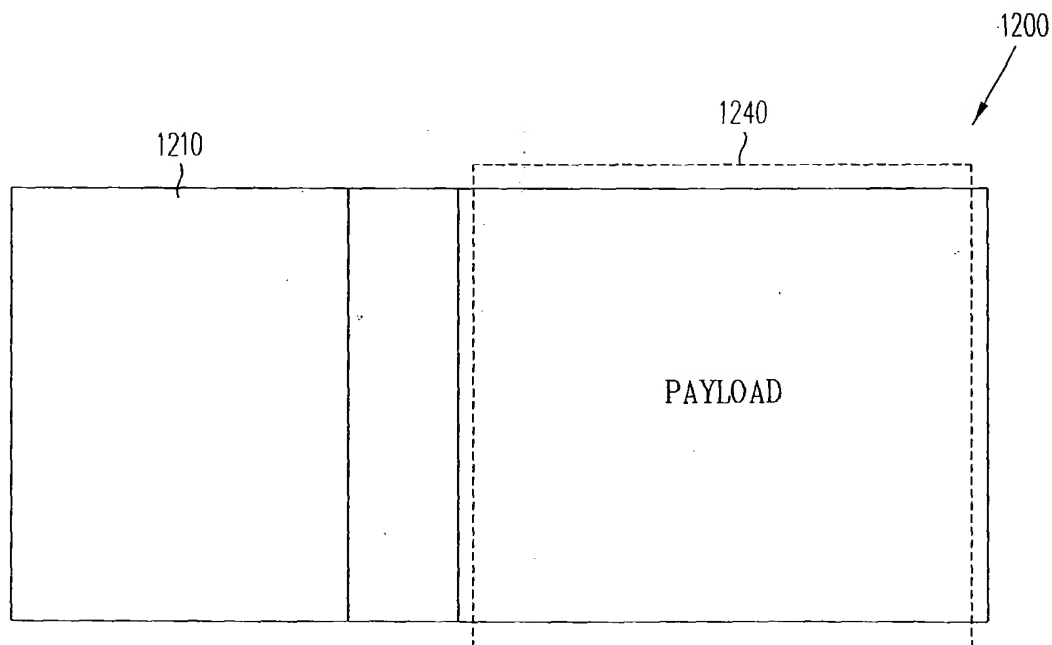


FIG. 12B